2021 3rd International Workshop on Artificial Intelligence and Education (WAIE 2021)

Xi’an, China
19 – 21 November 2021
# Table of Contents

**Preface** ........................................................................................................................................ vii
**Committees** .................................................................................................................................. viii
**Reviewers** ...................................................................................................................................... x

## WAIE 2021

Discussion on the Application Pattern of Research-and-Discussion Teaching in the Teaching of Computer Courses for Postgraduates ................................................................. 1  
  Xuehu Yan (National University of Defense Technology, China), Chengwu Yang (National University of Defense Technology, China), Lintao Liu (National University of Defense Technology, China), Yue Jiang (National University of Defense Technology, China), and Canju Lu (National University of Defense Technology, China)

A Case Study on the Practical Knowledge of Teaching: Creative Teacher of Preschool ............... 5  
  Ting-Hua Lin (Cheng Shiu University, Taiwan)

Real-Time Feedback and Evaluation Algorithm for Children’s Digital Writing Practice ........... 10  
  Lili Ye (Hangzhou Normal University, China) and Zhengwei Yao (Hangzhou Normal University, China)

Enhanced Knowledge Graph for True-False Question Generation: A Case Study in Computer Networks Course ................................................................. 17  
  Chen Fu (Huazhong University of Science and Technology, China), Wei Liu (Huazhong University of Science and Technology, China), Jian Xu (Huazhong University of Science and Technology, China), Jing Xu (Huazhong University of Science and Technology, China), and Wenqing Cheng (Huazhong University of Science and Technology, China)

To What Extent Virtual Simulation Technology Can Aid Education? ....................................... 22  
  Molan Yang (Tsinghuan International School, China)

Developing Digital and Communication Competencies in Architecture Courses while Strengthening International Perspectives ................................................................. 27  
  Martha Elena Nunez Lopez (Tecnologico De Monterrey, Mexico) and Miguel X. Rodriguez-Paz (Tecnologico De Monterrey, Mexico)

Constructing the Teaching Model of Flipped Classroom for Professional Courses ............... 32  
  Xin Gao (College of Electrical Engineering, SMU Chengdu, China)